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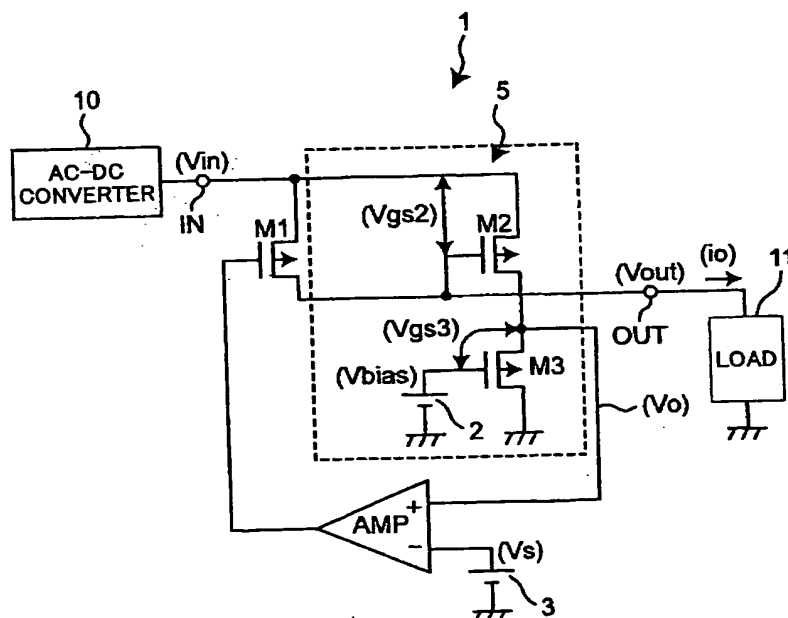
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(54) Title: POWER-SUPPLY APPARATUS



(57) Abstract: A power-supply apparatus for outputting a voltage via one or more switching elements is disclosed. The apparatus includes a voltage-generating circuit for generating an output, voltage V_o proportional to a voltage between an input end and an output end of the switching element, and a control circuit for controlling an operation of the switching element depending on the output voltage V_o . The control circuit causes the switching element to reduce an output current when the output voltage V_o exceeds a predetermined voltage V_s .



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